

Abstract of the Disclosure

A method to provide data communication service, which enables each service provider to provide each user with both contents service and Internet connection service. The method provides an Internet service provider with an AT-GW 341 used to authenticate the user, hold a network address assigned to the user, and translate a network address, which is different from a network address held by the user, thereby establishing communication between the user computer and the Internet service provider. The configuration of the present invention thus enables the user to receive high quality contents service and Internet connection service provided from a communication enterprise concurrently.